

56 FR 49785

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October 1, 1991

National Toxicology Program; Chemicals (7) Nominated for Toxicological Studies; Request for Comments

SUMMARY: The **National Toxicology Program (NTP)** is soliciting public comments on seven chemicals nominated for toxicological studies. These comments will assist the NTP in making informed decisions about whether to perform toxicological testing of these chemicals.

FOR FURTHER INFORMATION CONTACT: Dr. Victor A. Fung, Chemical Selection Coordinator, **National Toxicology Program**, room 2B55, Building 31, National Institutes of Health, Bethesda, Maryland 20892, (301) 496-3511.

TEXT: SUPPLEMENTARY INFORMATION: The NTP Chemical Evaluation Committee (CEC) is composed of representatives from the agencies participating in the NTP. As part of the chemical selection process of the National Toxicology Program, nominated chemicals which have been reviewed by the CEC are published in the Federal Register with request for comment. The purpose is to encourage active participation in the NTP chemical evaluation process, thereby helping the NTP to make more informed decisions as to whether to select, defer or reject chemicals for toxicology study. Comments and data submitted in response will be reviewed by NTP technical staff for use in the further evaluation of the nominated chemicals. The NTP chemical nomination and selection process is summarized in the Federal Register, April 1981 (46 FR 21828), and also in the NTP FY 1990 Annual Plan, pages 13-15.

On August 8, 1991, the CEC met to evaluate seven chemicals nominated to the NTP for toxicological studies. The following table lists the chemicals, their Chemical Abstract Service (CAS) registry numbers, and the types of toxicological studies recommended by the CEC.

Chemical	CAS Registry No.
1. Acetyl tributyl citrate	77-90-7
2. Benzophenone	119-61-9
3. Benzyltrimethylammonium chloride	56-93-9
4. N-(3-chloroallyl)hexaminium chloride	4080-31-3
5. 1,2,3,4-butanetetracarboxylic acid	1703-58-8
6. Halazone	80-13-7
7. Pentaerythritol triacrylate	3524-68-3

Chemical	Committee recommendations
1. Acetyl tributyl citrate	Defer.
2. Benzophenone	Toxicity, Carcinogenicity, Teratogenicity.

Chemical	Committee recommendations
3. Benzyltrimethylammonium chloride	Toxicity (including neurotoxicity), Carcinogenicity, Teratogenicity.
4. N-(3-chloroallyl)hexaminium chloride	Defer.
5. 1,2,3,4-butanetetra-carboxylic acid	Toxicity, Reproductive and developmental effects.
6. Halazone	No testing.
7. Pentaerythritol triacrylate	Chemical disposition and metabolism, Carcinogenicity.

Four of the seven nominated chemicals were previously tested in *Salmonella* by the NTP. Three of these chemicals (benzophenone, benzyltrimethylammonium chloride, and pentaerythritol triacrylate) were found to be nonmutagenic, and the fourth chemical (halazone) was mutagenic in this assay. Another chemical, 1,2,3,4-butanetetra-carboxylic acid, has been selected by NTP for testing in *Salmonella*. The NTP has performed chemical disposition studies on N-(3-chloroallyl)hexaminium chloride.

The CEC deferred two chemicals. Acetyl tributyl citrate was deferred in order to retrieve information on unpublished toxicology studies which have been conducted, are in progress, or are in the planning stages.

In their evaluation of the other deferred chemical, N-(3-chloroallyl)hexaminium chloride, the CEC expressed a strong interest in carcinogenicity testing of this chemical based on its widespread use and potential for human exposure. However, the CEC deferred recommending N-(3-chloroallyl)hexaminium chloride for NTP testing because the EPA is currently evaluating the chemical as a part of a re-registration process of pesticides. In addition, the CEC was informed that industry was planning to conduct oncogenicity studies in accordance with EPA guidelines. NTP staff will keep the CEC informed of the status of the chemical at the EPA.

The NTP is also soliciting public comments on trimethylolpropane triacrylate (CAS Number 15625-89-5). The CEC had reviewed this chemical on March 13, 1991, and recommended it for chemical disposition, carcinogenicity, and reproductive and developmental effects studies. However, in a previous notice published in the Federal Register, May 7, 1991 (56 FR 21169) to solicit information on the chemical, the name of this chemical was incorrectly listed as "trimethylolpropane." The correct name is trimethylolpropane triacrylate.

Interested parties are requested to submit pertinent information on all of the nominated chemicals. The following types of data are of particular relevance:

- (1) Modes of production, present production levels, and occupational exposure potential;
- (2) Uses and resulting exposure levels, where known;
- (3) Completed, ongoing and/or planned toxicologic testing in the private sector including detailed experimental protocols and results, in the case of completed studies;
- (4) Results of toxicological studies of structurally related compounds.

Please submit all information in writing by October 31, 1991, to Dr. Fung. Any submissions received after the above date will be accepted and utilized if possible.

Dated: September 24, 1991.

Kenneth Olden,

Director, National Toxicology Program.

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